

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
612-04-CIP3-CON

In Re Application Of: **GREENE, George R., et al.**

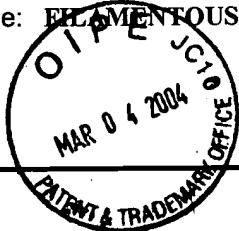
Serial No.
10/670,142

Filing Date
September 24, 2003

Examiner
Unassigned

Group Art Unit
3661

Title: **ELASTOMER EMBOLIZATION DEVICE WITH EXPANSIBLE ELEMENTS**



Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

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RELAMENTOUS EMBOLIZATION DEVICE WITH EXPANSIBLE ELEMENTS



Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **11-1159** as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

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Signature of Person Mailing Correspondence

Carrie Anne Cheung

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***This certificate may only be used if paying by deposit account.**

Signature

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Dated: **March 1, 2004**

CC:

<div style="text-align: center;">  <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> </div>	ATTY DOCKET NO. 612-04-CIP3-CON	SERIAL NO. 10/670,142
	GREENE, George R., et al.	
	FILING 09-24-2003	GROUP 3661

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,709,842	1973-01-09	Stoy et al.			
		4,301,803	1981-11-24	Handa et al.			
		4,365,621	1982-12-28	Brundin			
		4,402,319	1983-09-06	Handa et al.			
		4,509,504	1985-04-09	Brundin			
		4,529,739	1985-06-16	Scott et al.			
		4,663,358	1987-05-05	Hyon et al.			
		4,994,069	1999-02-19	Ritchart et al.			
		5,120,349	1992-06-09	Stewart et al.			
		5,122,136	1992-06-16	Guglielmi et al.			
		5,129,180	1992-07-14	Stewart			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 81/01515	1981-06-11	WIPO				
		DE 196 47 280	1997-10-23	GERMANY				
		WO 97/48351	1997-12-24	WIPO				
		WO 99/23954	1999-05-20	WIPO				
		WO 99/56783	1999-11-11	WIPO				

OTHER DOCUMENTS	(Including Author, Title, Date, Pertinent Pages, Etc.)
	LATCHAW, Richard E. et al.; "Polyvinyl Foam Embolization ..." Radiology 131: 669-679, June 1979

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,226,911	1993-07-13	Chee et al.			
	5,250,071	1993-10-05	Palermo			
	5,258,042	1993-11-02	Mehta			
	5,304,194	1994-04-19	Chee et al.			
	5,312,415	1994-05-17	Palermo			
	5,320,639	1994-06-14	Rudnick			
	5,350,397	1994-09-27	Palermo et al.			
	5,354,290	1994-10-11	Gross			
	5,382,259	1995-01-17	Phelps et al.			
	5,456,693	1995-10-10	Conston et al.			
	5,476,472	1995-12-19	Dormandy, Jr. et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
WO 99/59479	1999-11-25	WIPO				
WO 99/65401	1999-12-23	WIPO				
WO 00/74577	2000-12-14	WIPO				
WO 01/06950	2001-02-01	WIPO				
WO 01/28434	2001-04-26	WIPO				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		ZOLLIKOFER, Christoph et al.; "A Combination of Stainless Steel Coil and Compressed Ivalon: ..." Radiology 138: 229-231, January 1981
		HORAK, Daniel et al.; "Hydrogels in endovascular embolization. II ..." Biomaterials 1986, Vol. 7 November

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	5,522,822	1996-06-04	Phelps et al.			
	5,536,274	1996-07-16	Neuss			
	5,541,234	1996-07-30	Unger et al.			
	5,549,624	1996-08-27	Mirigian et al.			
	5,573,994	1996-11-12	Kabra et al.			
	5,582,619	1996-12-10	Ken			
	5,624,461	1997-04-29	Mariant			
	5,624,685	1997-04-29	Takahashi et al.			
	5,645,558	1997-07-08	Horton			
	5,690,667	1997-11-25	Gia			
	5,690,671	1997-11-25	McGurk et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
WO 01/39811	2001-06-07	WIPO				
WO 02/05731	2002-01-24	WIPO				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			EDELMAN, Elazer R. et al.; "Controlled and odulated Release of basic ... " Biomaterials 1991. Vol.12, September
			LARSEN, Nancy E. et al.; "Hylan get composition for percutaneous embolization ..." Journal of Biomedical Materials Research, Vol.25, 699-710 (1991)

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	5,853,418	1998-12-29	Ken et al.			
	5,891,155	1999-04-16	Irie			
	5,891,192	1999-04-16	Murayama et al.			
	5,895,411	1999-04-20	Irie			
	5,911,717	1999-06-15	Jacobson et al.			
	5,911,731	1999-06-15	Pham et al.			
	5,916,235	1999-06-29	Guglielmi			
	5,935,145	1999-08-10	Villar et al			
	5,935,148	1999-08-10	Villar et al.			
	5,976,162	1999-11-02	Doan et al.			
	5,980,514	1999-11-09	Kupiecki et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

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			CHIRILA, Traian V. et al.; "Poly (2-hydroxyethyl methacrylate) sponges as implant ..." Biomaterials 1993 Vol. 14, No. 1
			SORANZO, C. et al.; "Evaluation of Two Hyaluronan Derivatives ..." The 20th Annual Meeting of the Society for Biomaterials April 5-9, 1994, Boston Massachusetts, USA

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,695,480	1997-12-09	Evans et al.			
		5,718,711	1998-02-17	Berenstein et al.			
		5,749,894	1998-05-12	Engelson			
		5,750,585	1998-05-12	Park et al.			
	***	5,752,974	1998-05-19	Chee et al.			
		5,766,160	1998-06-16	Samson et al.			
		5,766,219	1998-06-16	Horton			
		5,797,953	1998-08-25	Tekulve			
		5,823,198	1998-10-20	Jones et al.			
		5,833,705	1998-11-10	Ken et al.			
		5,843,118	1998-12-01	Sepetka et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		KWAN, Eddie S. K. et al.; " Endovascular Packing of Carotid ..." AJNR 14:323-333, MAR/APR 1993					
		AHUJA, Arvin A. et al; "Platinum Coil Coatings to Increase ..." AJNR 14:794-798, JUL/AUG 1993					
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	Applicant(s) GREENE, George R. et al.	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,980,554	1999-11-09	Lenker et al.			
		6,004,338	1999-12-21	Ken et al.			
		6,013,084	2000-01-11	Ken et al.			
		6,015,424	2000-01-18	Rosenbluth et al.			
		6,024,754	2000-02-15	Engleson			
		6,093,199	2000-07-25	Brown et al.			
		6,113,629	2000-09-05	Ken			
		6,139,520	2000-10-31	McCrorry et al.			
		6,143,007	2000-11-07	Mariant et al.			
		6,165,193	2000-12-26	Greene et al.			
		6,187,024	2001-02-13	Boock et al.			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		DAWSON, Robert C. et al; "Treatment of Experimental Aneurysms ..." Neurosurgery, Vol. 36, No. 1, January 1995
		WOERLY, S. et al.; "Intracerebral Implantation of Hydrogel-Coupled ..." Journal of Neural Transplantation & Plasticity, Vol. 5, No. 4, 1995, pp. 245-255

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 612-03-CIP3-CON	Application Number 10/670,142
	Applicant(s) GREENE, George R. et al.	
	Filing Date 09-24-2003	Group Art Unit 3661

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,187,027	2001-02-13	Mariant et al.			
		6,193,728	2001-02-27	Ken et al.			
		6,245,090	2001-06-12	Gilson et al.			
		6,280,457	2001-08-28	Wallace et al.			
		2001/0023325	2001-09-20	Ferrera			
		6,296,632	2001-10-02	Luscher et al.			
		6,299,619	2001-10-09	Greene et al.			
		6,312,421	2001-11-06	Boock			
		2001/0046518	2001-11-29	Sawhney			
		6,530,934	2003-03-11	Jacobson et al.			

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						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		HOGG, Phillip J. et al.; "Interaction of Platelet-derived growth ..." Biochem Journal (1997) 326, 709-716 (printed in Great Britain)
		HORAK, D. et al.; "New Radiopaque poly HEMA-based ..." Journal of Biomedical Materials Research, Vol. 34, 183-188 (1997)

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